

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	("20030084054" "20030084061").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 11:23
S2	10	("6,055,539" "5,877,775" "5,761,667" "5,386,394" "5,379,422").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 12:33
S3	4	"6055539".URPN.	USPAT	OR	ON	2004/08/16 11:24
S4	4	"6055539".URPN.	USPAT	OR	ON	2004/08/16 11:38
S5	0	717/156.ccls. and directed with non with cyclic with graph	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 12:35
S6	0	717/156-161.ccls. and direct\$4 with non with cyclic with graph\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 12:35
S7	137	717/156.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 12:59
S8	13	(graph same observ\$4) and (node same observ\$4) and (node same pair\$4) and (graph same walk\$4) and hierarch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 13:21
S9	2	"directed non-cyclic graph".ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 13:21
S10	0	"directed cyclic graph".ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 13:22
S11	37	"directed acyclic graph".ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 13:53

## EAST Search History

S12	4	("6263332"   "6347307"   "6366934"   "6457103").PN.	USPAT	OR	ON	2004/08/16 13:24
S13	3	(graph near5 walk\$4 near5 system) and (analyz\$4 near5 graph\$4 near5 hierarch\$4 near5 data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 13:56
S14	3	(graph with walk\$4 with system) and (analyz\$4 with graph\$4 with hierarch\$4 with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 15:20
S15	2	(graph with (walk\$4 or observ\$4) with system) and ((analyz\$4 or observ\$4) with graph\$4 with hierarch\$4 with data) and optimiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 12:38
S16	37	((walk\$4 or analyz\$4 or optimiz\$4 or observ\$4) same graph) near5 (data near4 structure)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 09:30
S17	4	((walk\$4 or analyz\$4 or optimiz\$4 or observ\$4) same graph) near5 (data near4 structure) and dag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 09:26
S18	3	((walk\$4 or analyz\$4 or optimiz\$4 or observ\$4) same graph) near5 (data near4 structure) and (cyclic same graph)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 09:30
S19	3	((walk\$4 or analyz\$4 or optimiz\$4 or observ\$4) same graph) near5 (data near4 structure) and (cyclic same graph) and xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 11:03
S20	1	((walk\$4 or analyz\$4 or optimiz\$4 or observ\$4) same graph) near5 (data near4 structure) and (non adj cyclic same graph) and xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 09:36
S21	1	((walk\$4 or analyz\$4 or optimiz\$4 or observ\$4) same graph) near5 (data near4 structure) and (non adj cyclic) and xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 09:37

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S22	1	((walk\$4 or analyz\$4 or optimiz\$4 or observ\$4) same graph) near5 (data near4 structure) and (non adj cyclic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 11:02
S23	3	((walk\$4 or analyz\$4 or optimiz\$4 or observ\$4) same (non adj cyclic) same graph)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 09:38
S24	3	((non adj cyclic) same graph) and (walk\$4 or analyz\$4 or optimiz\$4 or observ\$4) and xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 09:38
S25	0	"6741242".URPN.	USPAT	OR	ON	2004/08/17 09:40
S26	21	((non adj cyclic) same graph) and (walk\$4 or analyz\$4 or optimiz\$4 or observ\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 09:41
S27	3	((non adj cyclic) same graph) and xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 09:44
S28	32	((non adj cyclic) same graph)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 09:44
S29	1	"6654761".pn. and walk\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 13:50
S30	0	("6654761" "20020162096").pn. and walk\$4 and prun\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 13:51
S31	0	"20020162096".pn. and walk\$4 and prun\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 13:51

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S32	2	"20020162096".pn. and prun\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 14:35
S33	4	("5,761,664" "4,698,752").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 15:33
S34	1	(event near3 manager near3 generat\$4) same (node near3 observ\$4) same (deactivated or reactivated)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 15:35
S35	344	event near3 manager near3 generat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 15:35
S36	5	(event near3 manager near3 generat\$4) and (sub adj node)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 15:37
S37	0	("6055539" "6681221" "2002016209 6").pn. and (event same manager)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 15:38
S38	2	"6065117".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 13:38
S39	0	"5761664".pn. and (bind\$4 same system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 15:28
S40	0	"5761664".pn. and bind\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 15:28

## EAST Search History

S41	2	"5761664".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 15:37
S42	3	(binding near system) and (encounter\$4 same node same match\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 15:39
S43	8	(binding near5 system) and (encounter\$4 same node same match\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 10:40
S44	26	(US-20020162096-\$ or US-20040015929-\$).did. or (US-4782444-\$ or US-5423040-\$ or US-5430870-\$ or US-5606698-\$ or US-5671419-\$ or US-5838977-\$ or US-5867711-\$ or US-5873081-\$ or US-5887174-\$ or US-5978588-\$ or US-5999738-\$ or US-6064819-\$ or US-6282708-\$ or US-6292938-\$ or US-6377287-\$ or US-6509898-\$ or US-6654761-\$ or US-6681221-\$ or US-6694310-\$ or US-6741242-\$ or US-6741255-\$ or US-6751792-\$). did. or (EP-294890-\$ or US-6055539-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/08 15:56
S45	0	((US-20020162096-\$ or US-20040015929-\$).did. or (US-4782444-\$ or US-5423040-\$ or US-5430870-\$ or US-5606698-\$ or US-5671419-\$ or US-5838977-\$ or US-5867711-\$ or US-5873081-\$ or US-5887174-\$ or US-5978588-\$ or US-5999738-\$ or US-6064819-\$ or US-6282708-\$ or US-6292938-\$ or US-6377287-\$ or US-6509898-\$ or US-6654761-\$ or US-6681221-\$ or US-6694310-\$ or US-6741242-\$ or US-6741255-\$ or US-6751792-\$). did. or (EP-294890-\$ or US-6055539-\$).did.) and (deactiv\$4 same node)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/08 15:56

## EAST Search History

S46	4	((US-20020162096-\$ or US-20040015929-\$).did. or (US-4782444-\$ or US-5423040-\$ or US-5430870-\$ or US-5606698-\$ or US-5671419-\$ or US-5838977-\$ or US-5867711-\$ or US-5873081-\$ or US-5887174-\$ or US-5978588-\$ or US-5999738-\$ or US-6064819-\$ or US-6282708-\$ or US-6292938-\$ or US-6377287-\$ or US-6509898-\$ or US-6654761-\$ or US-6681221-\$ or US-6694310-\$ or US-6741242-\$ or US-6741255-\$ or US-6751792-\$). did. or (EP-294890-\$ or US-6055539-\$).did.) and (activ\$4 same node)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/08 15:58
S47	253	(deactiv\$4 same node) and (delet\$4 same node)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/11/01 13:15
S48	0	(deactiv\$4 same node) and (delet\$4 same node) and ((prun\$4 or optimiz\$4) same tree same walk\$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/08 15:59
S49	147	(deactiv\$4 same node) and (delet\$4 same node) and tree	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 09:13
S50	2	(deactiv\$4 same node) and (delet\$4 same node) and tree and (walk\$4 same system)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/08 16:00
S51	1	(deactiv\$4 same node) and (delet\$4 same node) and (tree same walk\$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/08 16:01
S52	109	(deactiv\$4 same node) same (delet\$4 same node) and tree	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 09:12
S53	9	(deactiv\$4 same node) same (delet\$4 same node) same tree	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 09:07
S54	0	"717"/\$.ccls. and (deactiv\$4 same node) same (delet\$4 same node) and tree	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 09:13
S55	1	"717"/\$.ccls. and (deactiv\$4 same node) and (delet\$4 same node) and tree	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 09:19
S56	147	graph same walk\$4 same system	US-PGPUB; USPAT; DERWENT	OR	ON	2006/11/01 13:15
S57	0	"717"/\$.ccls. and (graph same walk\$4 same system)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 09:20

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S58	0	"717"/\$/ccls. and graph same walk\$4 same system	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 09:20
S59	7	(graph same walk\$4 same system) and ((activat\$4 or deactivat\$4) same node\$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/11/01 14:41
S60	0	("6922692").URPN.	USPAT	OR	ON	2005/09/12 09:24
S61	8	("20030050915"   "4698752"   "5379422"   "5386394"   "5761664"   "5761667"   "5877775"   "6055539").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/12 09:24
S62	0	((("20030050915"   "4698752"   "5379422"   "5386394"   "5761664"   "5761667"   "5877775"   "6055539").PN.) and ((activat\$4 or deactivat\$4) same node\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/12 09:25
S63	2	((("20030050915"   "4698752"   "5379422"   "5386394"   "5761664"   "5761667"   "5877775"   "6055539").PN.) and ((activat\$4 or deactivat\$4) and node\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/12 09:25
S64	2	"6055539".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 09:48
S65	3	("5787274"   "5799300"   "5799311").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/12 09:48
S66	29	(US-20020162096-\$ or US-20040015929-\$ or US-20030135619-\$).did. or (US-4782444-\$ or US-5423040-\$ or US-5430870-\$ or US-5606698-\$ or US-5671419-\$ or US-5838977-\$ or US-5867711-\$ or US-5873081-\$ or US-5887174-\$ or US-5978588-\$ or US-5999738-\$ or US-6064819-\$ or US-6282708-\$ or US-6292938-\$ or US-6377287-\$ or US-6509898-\$ or US-6654761-\$ or US-6681221-\$ or US-6694310-\$ or US-6741242-\$ or US-6741255-\$ or US-6751792-\$ or US-6212498-\$ or US-6308321-\$).did. or (EP-294890-\$ or US-6055539-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 10:05

## EAST Search History

S67	4	((US-20020162096-\$ or US-20040015929-\$ or US-20030135619-\$).did. or (US-4782444-\$ or US-5423040-\$ or US-5430870-\$ or US-5606698-\$ or US-5671419-\$ or US-5838977-\$ or US-5867711-\$ or US-5873081-\$ or US-5887174-\$ or US-5978588-\$ or US-5999738-\$ or US-6064819-\$ or US-6282708-\$ or US-6292938-\$ or US-6377287-\$ or US-6509898-\$ or US-6654761-\$ or US-6681221-\$ or US-6694310-\$ or US-6741242-\$ or US-6741255-\$ or US-6751792-\$ or US-6212498-\$ or US-6308321-\$). did. or (EP-294890-\$ or US-6055539-\$).did.) and ((activat\$4 or deactivat\$4) same node\$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 10:07
S68	1720	((activat\$4 or deactivat\$4) near node\$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 10:08
S69	188	(deactivat\$4 near node\$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 10:09
S70	8	(deactivat\$4 near node\$4) same graph	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 10:08
S71	4	"717"/\$.ccls. and (deactivat\$4 near node\$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 10:11
S72	0	"717"/\$.ccls. and (deactivat\$4 near node\$4) and (delet\$4 same node)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 10:11
S73	40	(deactivat\$4 near node\$4) and (delet\$4 same node)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/09/12 10:11
S74	40	(match\$4 same node same pattern) and ((separat\$4 or distinguish\$4 or apart\$4) same node same attribut\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 14:08
S75	78	(match\$4 same node same pattern) and ((separat\$4 or distinguish\$4 or apart\$4) same node same attribut\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 13:14



## EAST Search History

S76	10	(match\$4 same node same pattern) and ((separat\$4 or distinguish\$4 or apart\$4) same node same attribut\$4) and (analyz\$4 same process\$4 same node)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 14:08
S77	8	("20030050915"   "4698752"   "5379422"   "5386394"   "5761664"   "5761667"   "5877775"   "6055539").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/05 14:12
S78	0	("20030050915"   "4698752"   "5379422"   "5386394"   "5761664"   "5761667"   "5877775"   "6055539").PN. and S76	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 09:14
S79	1	"5761664".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 09:14
S80	92	(match\$4 same node same pattern) and ((separat\$4 or distinguish\$4 or apart\$4) same node same attribut\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 13:14
S81	1	717/156-161.ccls. and (match\$4 same node same pattern) and ((separat\$4 or distinguish\$4 or apart\$4) same node same attribut\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 10:38
S82	203	graph same walk\$4 same system	US-PGPUB; USPAT; DERWENT	OR	ON	2006/11/01 13:15
S83	300	(deactiv\$4 same node) and (delet\$4 same node)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/11/01 13:15
S84	3	(graph with (walk\$4 or observ\$4) with system) and ((analyz\$4 or observ\$4) with graph\$4 with hierarch\$4 with data) and optimiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 14:34
S85	8	(graph same walk\$4 same system) and ((activat\$4 or deactivat\$4) same node\$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/11/01 14:41
S86	7	717/156-161.ccls. and (match\$4 same node same pattern) and ((separat\$4 or distinguish\$4 or apart\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 11:14

## EAST Search History

S87	9	(binding near5 system) and (encounter\$4 same node same match\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 10:40
S88	2	((walk\$4 or analyz\$4 or optimiz\$4 or observ\$4) same graph) near5 (data near4 structure) and (non adj cyclic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 11:02
S89	4	((walk\$4 or analyz\$4 or optimiz\$4 or observ\$4) same graph) near5 (data near4 structure) and (cyclic same graph) and xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 11:26
S90	10	717/102,138,156-161.ccls. and (match\$4 same node same pattern) and ((separat\$4 or distinguish\$4 or apart\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 11:21
S91	3	(graph with (walk\$4 or observ\$4) with system) and ((analyz\$4 or observ\$4) with graph\$4 with hierarch\$4 with data) and optimiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 12:38
S92	4	(graph with walk\$4 with system) and (analyz\$4 with graph\$4 with hierarch\$4 with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 15:20